



Glenn Research Center



Flame Stability and Flame-Vortex Interactions: A Technological Benefit

- ◆ Objectives: (1) Understand g-effects on flame stabilization -- critical element of many combustors. (2) Measure simple flame-vortex interactions for turbulent combustion applications.
- ◆ *Ring-stabilized burner* patented -- lowers Nox pollution below ultra-low Calif. standards and can improve energy efficiency of gas appliances by 2%.

